



# भारत का राजपत्र The Gazette of India

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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखी जा सके।  
Separate paging is given to this Part in order that it may be filed as a separate compilation.

## भाग III—खण्ड 2 PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस  
Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE  
PATENTS AND DESIGNS

Calcutta, the 22nd November, 1975.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE.

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

16th October, 1975.

2004/Cal/75. Nestle's Products Limited. Production of tea extracts.

2005/Cal/75. Nestle's Products Limited. Isolation of proteins. (November 15, 1974).

2006/Cal/75. Nestle's Products Limited. Isolation of an aromatic fraction of coffee.

2007/Cal/75. Diamond Shamrock Corporation. Process for the production of raw cement slurries having reduced water content.

2008/Cal/75. Union Carbide India Limited. A process for stabilising dicyclopentadiene (DCPD). [Divisional date April 23, 1974].

2009/Cal/75. Union Carbide India Limited. A process for the conversion of cyclopentadiene (CPD) into dicyclopentadiene (DCPD), i.e., for dimerising of cyclopentadiene and a process for stabilizing the dimer so produced. [Divisional dated April 23, 1974].

2010/Cal/75. Ching Wa Pun and Ching Chau Poon. Leak-resistant dry cells. (October 17, 1974).

2011/Cal/75. UOP Inc. Acidic multimetallic catalytic composite and use thereof in hydrocarbon conversion.

2012/Cal/75. Foster Wheeler Energy Corporation. Partial oxidation carbon removal process.

17th October, 1975.

2013/Cal/75. Ishihara Sangyo Kaisha, Ltd. Herbicidal compound, herbicidal composition containing the same, and method of use thereof.

2014/Cal/75. Nestle's Products Limited. Red pigment and process.

2015/Cal/75. Aluterv Aluminiumipari Tervezo Vallalat. A process for the preparation of bauxite slurry in an alumina factory.

2016/Cal/75. VEB Werkzeugmaschinenkombinat "7. Oktober" Berlin. Centerless plain grinding machine with wide-displacement mechanism.

2017/Cal/75. Mefina S. A. Mechanism for the automatic modulation of the direction and amplitude of movements of a member for feeding pieces to be sewn in a sewing machine.

2018/Cal/75. Schering Aktiengesellschaft. Vaginal ring.

18th October, 1975.

2019/Cal/75. F. L. Smidth & Co. A/S. Sack magazine. (October 28, 1974).

2020/Cal/75. Amsted Industries Incorporated. Mold stopper.

- 2021/Cal/75. F. W. Ruys. Improvements in or relating to a bicycle with drive levers.
- 2022/Cal/75. WCB Containers Limited. Sliver can. (December 12, 1974).
- 2023/Cal/75. Chloride Group Limited. Manufacture of battery plates. (October 18, 1974).

20th October, 1975.

- 2024/Cal/75. Council of Scientific and Industrial Research. Improvements in or relating to corrosion inhibition by aromatic amines during pickling or cleaning of steel.
- 2025/Cal/75. Council of Scientific and Industrial Research. "Solarocrat" power unit.
- 2026/Cal/75. RCA Corporation. A colour image retranslating system. [Divisional date April 18, 1973].
- 2027/Cal/75. Maschinenfabrik Reinhausen Gebrüder Scheubach KG. Tap changing equipment for three-phase regulating transformers.
- 2028/Cal/75. Pfizer Inc. Amidoalkyl phosphonium bromide. [Divisional date May 31, 1973].

- 2029/Cal/75. Rohm and Haas Company. Pesticides.

- 2030/Cal/75. Associated Engineering Limited. Metal bonding method. (November 15, 1974).

- 2031/Cal/75. Orient General Industries Ltd. Electric ceiling fan.

- 2032/Cal/75. Indian Drugs & Pharmaceuticals Limited (A Government of India Undertaking). 4-(Heteroaryl vinyl) coumarins.

21st October, 1975.

- 2033/Cal/75. Egesult Izzolampa ES Villamossagi RT. Process and apparatus for the connection by fusion of glass bodies having rotational symmetry.

- 2034/Cal/75. Union Carbide India Limited. Flashlights or electric torches and to rotary switch mechanism in and for flashlights and electric torches.

- 2035/Cal/75. J. W. Gardner. Nut blanching apparatus.

- 2036/Cal/75. Sam L. Leach. Method and means for generating hydrogen. (May 14, 1975).

- 2037/Cal/75. J. Krings. Sheeting-plate for trench sheeting.

22nd October, 1975.

- 2038/Cal/75. IMS Limited. Protective hand tool for the manual or digital breaking of glass-sealed ampules.

- 2039/Cal/75. Continental Gummi-Werke Aktiengesellschaft. A device for the production of conveyor belts.

- 2040/Cal/75. Continental Gummi-Werke Aktiengesellschaft. A process and a device for the production of conveyor belts.

- 2041/Cal/75. Continental Gummi-Werke Aktiengesellschaft. A device for the production of conveyor belts.

- 2042/Cal/75. J. Zimmer. Squeegee device.

- 2043/Cal/75. Bowater Packaging Limited. Printing processes and apparatus. (October 28, 1974).

- 2044/Cal/75. D. M. D'souza. Improvements in or relating to public call telephones.

- 2045/Cal/75. Dunlop Limited. Improvements in or relating to apparatus for producing type tread patterns.

- 2046/Cal/75. Rheinisch-Westfälisches Elektrizitätswerk AG. Process for the preparation of synthetic manganese dioxide.

- 2047/Cal/75. Pennwalt Corporation. Centrifuge apparatus.

#### APPLICATION FOR PATENTS FILED AT THE (BOMBAY BRANCH).

6th October, 1975.

- 269/Bom/75. Dr. M. C. Thakkar. Precast reinforced concrete staircase flight with plane soffit and beams.

- 270/Bom/75. Dr. M. C. Thakkar. Precast reinforced concrete staircase flight with zigzag soffit and beams.

- 271/Bom/75. Dr. M. C. Thakkar. Precast reinforced concrete sunshade and lintel.

- 272/Bom/75. Smt. Kusumben Manharlal Thakkar. Improvements in or relating to safety matches and packing box thereof.

8th October, 1975.

- 273/Bom/75. Y. Murao. Cleaning machine for bobbins with waste sliver.

10th October, 1975.

- 174/Bom/75. G. D. Gokhale. Process for the production of substituted monohydroxy aromatic compounds and derivatives thereof.

#### APPLICATION FOR PATENTS FILED AT THE (MADRAS BRANCH)

4th October, 1975.

- 150/Mas/75. C. S. Rao. Improvements in or relating to pressure stoves.

6th October, 1975.

- 151/Mas/75. R. Kalyanasundaram. Umbrella holding device.

- 152/Mas/75. A. R. Alliraj. Improvements in or relating to typewriter, teleprinter, calculators.

9th October, 1975.

- 153/Mas/75. C. K. Kumara Menon. A device for being actuated by aerial streams to furnish power.

10th October, 1975.

- 154/Mas/75. S. Mariappan. A process to recover mercury amalgam from a native drug 'Veeram'.

- 155/Mas/75. K. P. Kuryakose. Pluse corder.

14th October, 1975.

- 156/Mas/75. S. I. Gopalakrishna Iyer. Cylindrical frame wheels for power tillers and agricultural tractors.

- 157/Mas/75. S. I. Gopalakrishna Iyer. Vertical axis rotary for tilling for power tillers and agricultural tractors.

#### ALTERATION OF DATE

138045.

102/Cal/73. Post-dated 12th July, 1973.

138062.

1298/Cal/74. Ante-dated to 19th August, 1966.

138063.

1299/Cal/74. Ante-dated to 19th August, 1966.

## COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 60F. I.C.-A41d 27/20. 138026.

## METHOD FOR THE MANUFACTURE AND ASSEMBLING OF POCKETS ON GARMENTS.

JOSE CASTANY FERRE AND RAMON SANRAMA PADRO, OF CALLE BORRELL, NO. 122 BARCELONA, SPAIN AND CALLE VILAMARI, NO. 57 BARCELONA, SPAIN.

Application No. 256/Cal/73 filed February 5, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

37 Claims.

A method for forming and assembling pockets on garments by stitching together superimposed cloth pieces by a known sewing machine, characterized by clamping desired cloth pieces in a desired superimposed relationship by means of clamping pattern having a contour edge portion corresponding to the desired shape of the stitch to be made, and moving said pattern & thus clamped cloth pieces with respect to said sewing machine with the presser foot of said sewing machine in guiding contact with respect to said contour edge portion of said pattern, while simultaneously stitching said clamped cloth piece by means of the needle of said sewing machine.

CLASS 62D. I.C.-D06C 29/00. D06M 1/00, 3/00, B05C 3/04, 3/176. 138027.

## PROCESS AND APPARATUS FOR CONTINUOUS TREATMENT OF WEBS WITH HOT LIQUIDS.

DR. ING. CHRISTIAN AUGUST MEIER-WINDHORST, OF 2101 LINDHORST UBER HOMBURG-HARBURG, GERMAN FEDERAL REPUBLIC.

Application No. 1963/72 filed November 22, 1972.

Application No. 1652/73 filed November 22, 1972.

One complete specification left under Section 9(2) of the Patents Act, 1970.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A process for the continuous treatment of webs of textile materials or similar materials in hot liquids, wherein the web and the liquid travel at equal speeds during the treatment with

the web floating in said liquid and wherein the ration by weight of liquid to web is between approximately 10:1 and 50:1, the process comprising the steps of introducing the web into the treatment liquid in irregular shape through a port of larger width than the width of the treatment path and at a higher speed than the one at which web and treatment liquid travel during the treatment proper, thereby causing a banking up of the web and the liquid in a thicker sheet and further subjecting the surface of the web in all its parts to convective and turbulent currents effected in the treatment liquid to bring about a change of shape on said surface parts of the web.

CLASS 153 & 170B. I.C.-B24d 5/00. 138028.

## IMPROVEMENTS IN OR RELATING TO ABRASIVE ARTICLES AND METHOD OF MAKING THE SAME.

CARBORUNDUM UNIVERSAL LTD., OF 11-12, NORTH BEACH ROAD, MADRAS-1, INDIA.

Application No. 21/Mas/73 filed February 20, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

14 Claims.

An improved abrasive article such as described herein which is provided with a strong centre and/or a strong back wherein the usable portion contains abrasive material of grit size from 8 to 800 mesh.

CLASS 90C+H+I. 144A+E<sub>1</sub> & 155F<sub>1</sub>+F<sub>2</sub>. 138029.  
I.C.-C03C 3/24, 17/32.

## IMPROVEMENTS IN OR RELATING TO THE MANUFACTURE OF TRANSPARENT OR TRANSLUCENT ARTICLES HAVING HIGH ABSORPTIVE POWER WITH RESPECT TO INFRA-RED RAYS.

INDIAN INSTITUTE OF TECHNOLOGY, I.I.T. P.O., MADRAS-36, INDIA.

Application No. 1216/72 filed August 19, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

11 Claims.

An improved method of manufacture of transparent or translucent articles having high absorptive power with respect to infra-red rays characterised by the steps of mixing a polymer, such as, polymethyl methacrylate and a solvent therefor to form a solution; applying a coat of the said solution on one or more surfaces of a transparent or translucent article; and drying the said coat, the said solvent being such as would not adversely affect or react with the said surface or surfaces.

CLASS 152E. I.C.-B29J 1/02. 138030.

## A METHOD OF PREPARING THERMOPLASTIC MOULDING POWDERS WITH COTTON LINTERS AS AN INGREDIENT.

INDIAN INSTITUTE OF TECHNOLOGY, I.I.T. P.O., MADRAS-36, INDIA.

Application No. 1217/72 filed August 19, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

6 Claims. No drawings.

A method of preparing thermoplastic moulding powders with cotton linters as hereinbefore defined as an ingredient characterised in that it comprises the steps of subjecting cut

cotton linters, of size suited to the requirements of a particular case, to a stream of compressed air so as to clean the linters of impurities and also open up the said linters and render them fluffy; removing moisture from the linters, thus obtained, by subjecting them to heat in an oven at a temperature above 100°C; mixing the linters so obtained, with thermoplastic powder, in the required proportion, in a high speed mixing device and, at the same time, introducing compressed air into the said mixing device so as to direct a stream of said compressed air on to the mixture of the said linters and the powder, to disperse the said linters uniformly in the said powder.

CLASS 61-I & 182C. I.C.—C13f 5/00.

138031.

CONTINUOUS DRYING METHOD FOR A MATERIAL IN PARTICLE FORM, MORE PARTICULARLY CRYSTALLISED SUGAR, BY MEANS OF A CENTRIFUGE, AND DRIER FOR CARRYING OUT THE SAID METHOD.

SOCIETE FIVES LILLE-CAIL, OF 7, RUE MONTALIVET, 75383 PARIS CEDEX 08, FRANCE.

Application No. 1351/Cal/73 filed June 8, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 7 Claims.

A method for the continuous drying of solid particles particularly crystallised sugar by means of a centrifuging drier comprising a rotary basket provided with a screen, characterised in that the drying is carried out in a chamber closed in a liquid and airtight manner and filled with a mass of fluid which is dense and inert, such as a gas of high specific mass at normal pressure or compressed air held at uniform pressure in the chamber, so as to increase the drag on the particles thrown out of the basket and to intensify the braking effect on them over the entire length of the path of travel over which the particles travel in the peripheral portion of the chamber and the particles are then discharged through an airlock provided at the bottom of the chamber.

CLASS 32Fad. I.C.-C07C 49/27.

138032.

PROCESS FOR THE PREPARATION OF SESQUITERPENE KETONES.

NAARDEN INTERNATIONAL N.V., OF HUIZERSTRATWEG 28, NAARDEN-BUSSUM, THE NETHERLANDS.

Application No. 1683/Cal/73 filed July 18, 1973.

Convention date July 20, 1972/(33960/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 5 Claims.

Process for the preparation of sesquiterpene ketones, characterized in that sesquiterpene hydrocarbons having one olefinic linkage in endocyclic position, are reacted with hydrogen peroxide in the presence of a lower alkyl formate having 1-4 carbon atoms.

CLASS 40A. I.C.-C08G 35/00.

138033.

POLYCONDENSATION REACTOR.

METALLGESELLSCHAFT AKTIENGESELLSCHAFT, OF 16 FRANKFURT A.M., REUTERWEG 14, WEST GERMANY.

Application No. 2764/Cal/73 filed December 19, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 7 Claims.

A polycondensation reactor for selective use in continuous or batchwise operation, comprising a heatable shell having at least one inlet and outlet for the feed and product, respectively, and a rotatable inner part, which is at least partly immersed into the material being reacted, characterized in that the inner part consists of a plurality of successive rotary drums having an apertured shell and mounted on a common approximately horizontal shaft so as to leave a gap between adjacent drums and that partitions are detachably secured to the reactor bottom and extend into these gaps and decrease in height towards the outlet for the reacted material.

CLASS 21B. I.C.-A43B 3/06, A43B 13/18.

138034.

FOOTWEAR.

TATSUO FUKUOKA, AT NO. 3, 3-BAN, 2-CHOME, SHIN-MINAMI-FUKUSHIMA, TOKUSHIMA CITY, JAPAN.

Application No. 122/Cal/73 filed January 15 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 9 Claims.

A footwear comprising a sole provided with a foamed inner layer made of thermoplastic material and a visible or invisible non-foamy outer layer integrally surrounding said foamed layer, at least one shape preservative fixture for an instep cover member being built integrally with and from the required edge portion of said sole, the foamed layer and the visible or invisible non-foamy layer of said fixture being respectively and integrally connected with the foamed and non-foamy layers of the sole, and the edge portion of the step cover member being affixed removably or firmly to the shape preservative fixture.

CLASS 116D. I.C.-B65f 1/00.

138035.

A REFUSE COLLECTOR BODY.

MURCO ENVIRONMENTAL LIMITED, OF COMMONS ROAD, CORK, IRELAND.

Application No. 1294/Cal/73 filed June 2, 1973.

Convention date June 2, 1972/(755/72) IRELAND.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 6 Claims.

A refuse collector body comprising: a base chassis; a loading hopper on the base framework, the loading hopper having an entrance for the reception of refuse; a feed screw mounted in the loading hopper; a main container body on the base chassis, the main container body being pivotally mounted on the base chassis for pivoting over the loading hopper to empty the main container body; and means for closing the entrance to the hopper.

CLASS 188. I.C.-C23C 1/08.

138036.

METHOD OF TREATING FERROUS STRAND BY HOT DIP COATING PROCEDURE.

BETHLEHEM STEEL CORPORATION, OF 701 EAST THIRD STREET, BETHLEHEM, PENNSYLVANIA, U.S.A.

Application No. 1865/Cal/73 filed August 13, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 8 Claims.

A process of coating a ferrous metal strand with a molten coating metal containing at least 25% by weight aluminium, wherein said strand is caused to pass through a protective

hood into said molten coating metal without exposing the strand to the atmosphere, comprising the steps of maintaining the strand in a reducing environment within said protective hood, and continuously subjecting the surfaces of said strand and the molten coating metal within said protective hood to a heated gas comprising at least about 20% by volume hydrogen, balance essentially nitrogen, having a dew point not greater than about 0°F, while moving said strand through said protective hood and molten coating metal.

CLASS 29A & 67C. I.C.-G06F 1/00.

138037.

#### IMPROVEMENTS IN COMPUTING SYSTEMS.

BURROUGHS CORPORATION, AT BURROUGHS PLACE, DETROIT, MICHIGAN 48232, UNITED STATES OF AMERICA.

Application No. 2168/Cal/73 filed September 25, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 37 Claims.

A computer system comprising a free-field memory that is addressable by bit boundary and length information stored in an address register;

a communication controller which is logically general and non-time dependent and interfacing with other units via a port module, each port module having a stack for temporarily storing control bits;

a microprogram processor operating with operands and instructions of a desired width without modification of program instructions and having registers and data paths of fixed width, executing of a particular program instruction being under control of a string of microoperators of which the first sets a control register to either the width of the machine or the length of the operands specified by the address register, whichever is less;

an arithmetic and logic processor having first and second registers for storing binary coded operands, a binary adder, and means for gating the least significant bits of the binary adder corresponding to the length specified as data length and gating out the binary signal corresponding to the highest order of selected bits; and

a plurality of peripheral units and a peripheral multiplexor for multiplexing data and device descriptors from said peripheral units to the appropriate unit of the system via said communication controller.

CLASS 172D2. I.C.-D01 & 13/02.

138038.

#### METHOD FOR THE MANUFACTURE OF YARN, APPARATUS FOR THE APPLICATION OF THIS METHOD AND YARN OBTAINED BY APPLYING THE SAME METHOD.

HOLLANDSE SIGNAALAPPARATEN B.V., ZUIDELIJKE HAVENWEG 40, ENGELFO (O), THE NETHERLANDS.

Application No. 2267/Cal/73 filed October 12, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

#### 9 Claims.

Method for the manufacture of yarn from a sliver or a roving of staple fibre material consisting of one or several components, whereby the processes, to which the sliver or the roving is subjected, include at least the drafting of the sliver

or the roving to form a thinner fibre ribbon and the bonding of the fibres in said ribbon, in which method the sliver or the roving contains at least one component that provides for said bonding, while the bonding process itself includes a heat treatment applied to the fibre ribbon, wherein the heating of the fibre ribbon occurs by bringing said fibre ribbon, before it is wound to a package, in direct contact with a heated surface, the contact duration and the temperature of said surface being determined by the composition and the feed-through rate of the fibre ribbon to be bonded.

CLASS 206E. I.C.-B01J 17/34 H01L 9/00.

138039.

#### A METHOD OF PRODUCING HOMOGENEOUSLY DOPED REGIONS IN SEMICONDUCTOR COMPONENTS.

LICENTIA PATENT-VERWALTUNGS G.M.B.H., OF 6, FRANKFURT 70, THEODOR-SERN-KAI 1, FEDERAL REPUBLIC OF GERMANY.

Application No. 2285/Cal/73 filed October 15, 1973.

Convention date July 18, 1973/(34236/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

#### 21 Claims.

A method of producing homogeneously doped regions in semiconductor components, particularly such regions which are found in the inside of large area semiconductor components, characterised in that, in the case of a semiconductor wafer which is not doped or so weakly doped, that, possible present inhomogeneities of this doping no longer make themselves noticeable after a further doping, the structures provided to determine the function for the component are produced first in and/or on the semiconductor wafer and that in the inside of the semiconductor wafer a core region which is not or slightly doped, remains, and in that the semiconductor wafer is thereupon doped with a doping material soluble in the semiconductor material only to a slight extent and diffused at a high rate.

CLASS 172E. I.C.-D01H 7/84.

138040.

#### PROCESS FOR THE TWISTING OF YARN IN WHICH THE YARN IS DRAWN OFF A ROTATING SPOOL FORMING A BALLOON OF YARN.

EVOLUTION S.A., OF FELDMUHLESTRASSE 29, CH-9400, RORS CHACH/SG, SWITZERLAND.

Application No. 136/Cal/74 filed January 18, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patent Rules 1972) Patent Office, Calcutta.

#### 15 Claims.

Process for the twisting of a yarn, in which the yarn is drawn off a rotating spool forming a balloon of yarn and is taken in axial direction of the spool on to a delivery system, air coat rotating with the spool being produced at the same time in the range of the take-off with the aid of a cover surrounding the spool and thereby forming an annular clearance and rotating with the spool, characterized thus, that the balloon of yarn (32) on its way to the axial pathway (A) is conducted through an area of turbulence with the speed of the air swirl decreasing with increasing closeness to the axial pathway (A).

CLASS-128-I. I.C.-A61H 31/00.

138041.

#### A SURGICAL DEVICE.

SOL WEISS, OF 17227 QUESON PLACE, ENCINO, CALIFORNIA, UNITED STATES OF AMERICA.

Application No. 1377/72 filed September 11, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

#### 9 Claims.

A surgical device comprising: a housing having an enlarged main portion and an end portion of a substantially smaller normal diameter than the average diameter of said enlarged main portion, said end portion comprising at least two sections which taken together taper to a cutting edge so as to form a means for puncturing human skin; means for holding said sections of said end portions together to form said cutting edge and to enable said sections of said end portion to be separable from each other and expand from said smaller normal diameter; and a hollow tube of smaller diameter than said enlarged main portion of said housing, said hollow tube being movable through said enlarged main portion of said housing, said hollow tube being of larger diameter than said normal diameter of said end portion, whereby to expand said end portion outwardly from its normal diameter as said hollow tube is moved through said end portion.

CLASS 9F, 12D & 33D. I.C.-C22C 35/00, 138042.  
C22C 37/00.

#### ADDITIONS FOR FERROUS MELTS.

MAGNESIUM ELEKTRON LIMITED, OF LIMN'S LANE, SWINTON, MANCHESTER, ENGLAND.

Application No. 1907/72 filed November 14, 1972.

Convention date November 17, 1971/(53409/71)(53410/71) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

#### 32 Claims. No drawings.

A magnesium based additive for a ferrous melt comprising a structure of particular magnesium and a material which forms a coherent stable metal permeable matrix when subjected to the temperature of a ferrous melt.

CLASS 68C & 206E, I.C.-D06H 3/08. 138043.

#### ELECTROMAGNETIC CUTTING APPARATUS FOR CUTTING BINDING TAPE.

BATA INDIA LIMITED, FORMERLY KNOWN AS BATA SHOE COMPANY LIMITED AND STILL EARLIER KNOWN AS BATA SHOE COMPANY PRIVATE LIMITED, OF 30, SHAKESPEARE SARAI, POST BOX NO. 9079, CALCUTTA 17, WEST BENGAL, INDIA.

Application No. 2222/72 filed December 23, 1972.

Convention date December 24, 1971/(131142) CANADA.

Appropriate office for opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

#### 4 Claims.

A cutting apparatus for cutting a strip of binding tape connected to a shoe upper component and extending beyond at least one edge thereof, the cutting being performed at said one edge, said apparatus comprising a frame; a yoke on said frame; an arm slidably mounted in said yoke; a table portion on said frame for receiving said component and tape; a casing on one end of said arm opposite said yoke and above said table portion of the frame plunger means housed in said casing and projecting therefrom toward said table portion of the frame; blade means on the outer end of said plunger for cutting said tape during passage of the component and tape over said table portion of the frame; electromagnetic drive means for moving said plunger and blade means from a rest position to a cutting position; sensor means for actuating said

drive means when said component and said tape are properly located beneath said blade means; and means for returning said plunger means and said blade means to said rest position, said electromagnetic drive means including a core formed of magnetic material mounted on said plunger means in said casing; a coil around said core; and circuit means for energizing said coil in response to signals from said sensor means, said sensor means including photoelectric cells positioned in the path of travel of said component in advance of said blade means, a light source for illuminating said photoelectric cells.

CLASS 129-J & 151D. I.C.-B21B 17/02, 3/00, 138044.  
C21D 7/14.

#### HIGH-FIN INTEGRAL FINNED TUBE OF HEAT RESISTING ALLOYS AND MULTIPASS PROCESS FOR MAKING THE SAME.

UNIVERSAL OIL PRODUCTS COMPANY, OF NO. 10 UOP PLAZA—ALGONQUIN & MT. PROSPECT ROADS, DES PLAINES, STATE OF ILLINOIS, UNITED STATES OF AMERICA.

Application No. 95/Cal/73 filed January 12, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

#### 9 Claims.

The method of forming fins of at least 100" fin height and of predetermined pitch on tubes of difficult-to-roll metal such as stainless steel which comprises forming partial fins of substantially less than final height and of less than said predetermined pitch in a first operation by supporting the tubes on mandrels and applying pressure of metal deforming intensity to limited zones radially inwardly and progressively around the tubes in helical paths of less than said predetermined pitch by pressing a first assembly of axially aligned discs into one side of said tube with the axis of the assembly inclined at a small angle to the axis of the tube to produce partially formed fins, annealing the tubes, and providing a second forming operation by supporting the tubes on a mandrel and applying pressure of metal deforming intensity with a second assembly of discs to limited zones both at the bottom of the spaces between partially formed fins and to the sides of the partially formed fins along helical paths of said predetermined pitch to displace metal from the bottom of the spaces between adjacent fins, and to displace metal laterally of the fins to increase the outside diameter of the fin crests, both metal displacements serving to increase the height of the individual fins.

CLASS 147A, I.C.-G11B 3/00. 138045.

#### A PLAYBACK DEVICE FOR A DISC-SHAPED RECORD CARRIER.

TED BILDPLATTEN AKTIENGESSELLSCHAFT AEG-TELEFUNKEN, TELEFON, OF ZUG, SWITZERLAND.

Application No. 102/Cal/73 filed January 12, 1973.

Convention date August 21, 1972/(38847/72) U.K.

Post date 12th July 1973.

Appropriate office for opposition Proceedings (Rule 4, Patent Rules 1972) Patent Office, Calcutta.

#### 24 Claims.

A playback device having a scanning surface for a disc-shaped record carrier normally stored in a protective covering, said device including means for transporting the record carrier in said covering to a position in which it is located above the scanning surface, means for removing the protective covering from the record carrier, means for moving the uncovered record carrier onto the scanning surface, and means for parting the edges of the opening of the covering to facilitate re-introduction of the record carrier.

CLASS 187-H &amp; 206-J. I.C.-H04b 3/00.

138046.

## SYSTEM FOR THE TRANSMISSION OF SIGNALS BY COMPANDED DELTA MODULATION.

N. V. PHILIPS' GLOEILAMPENFABRIEKEN, AT EM MASINGEL 29, EINDHOVEN, NETHERLANDS.

Application No. 1138/Cal/73 filed May 15, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patent Rules 1972) Patent Office, Calcutta.

## 5 Claims.

A system for the transmission in a given transmission band, continuously varying information signals by means of companded delta modulation, said system comprising a transmitter and a receiver, the transmitter comprising a delta modulation compressor; a signalling generator for generating a signalling signal having a frequency within said transmission band, being transmitted to said receiver; a pulse code modulator connected to a clock pulse generator for producing output pulses which are transmitted to the cooperating receiver and which are also applied to a local receiver provided with an integrating network, said network producing a comparison signal; a difference producer, said comparison signal and said information signal being applied thereto, said difference producer producing a difference signal controlling the pulse code modulator; said receiver comprising a deltamodulation expander, and a signalling signal detector, said deltamodulation compressor and said expander each comprising a dynamic control voltage generator by a pulse pattern analyser provided with a shift register coupled to the output of the pulse code modulator and comprising at least three shift register elements whose contents is shifted in the rhythm of the pulses originating from the clock pulse generator, characterized in that the signalling signal generator in the transmitter comprises a pulse pattern generator controlled by said clock pulse generator for generating a periodical pulse pattern within which the pulses assume a 1st and a 2nd of two binary values, occur in an irregular alternation and coincide with the successive pulses generated by the clock pulse generator, said pulse pattern generator being constituted by a cascade arrangement of at least one modulo-2-adder and at least one shift register element connected to the output of one of the shift register elements of the shift register associated with said pulse pattern analyser in the transmitter, the input of said pulse pattern generator being connected to a switching device having a shift register input terminal coupled to the output of the pulse code modulator and a pulse pattern generator input terminal connected to the output of the cascade arrangement, said output being likewise connected to a second input of the modulo-2-adder the pulses to be transmitted in said transmitter being derived from a shift register element associated with both the said shift register and with said pulse pattern generator, the transmitted signals in the receiver of said transmission system being applied to the signalling signal detector which generates a series of pulses in accordance with the received signalling signal.

CLASS 63B &amp; 65B1. I.C.-H05K 9/00.

138047.

## SHIELDED CONDUCTORS IN A DISKWINDING FOR AN ELECTRICAL INDUCTIVE DEVICE.

HITACHI LTD., OF 4 1-CHOME MARUNOUCHI, CHIYODA-KU, TOKYO, JAPAN.

Application No. 1283/Cal/73 filed May 31, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patent Rules 1972) Patent Office, Calcutta.

## 6 Claims.

Shielded conductors used with disk winding for electrical inductive device comprising a plurality of coil units of conductive material connected in series with each other and being covered with an insulating material and wound into the shape of a disk, which are provided with an inner end kept

open are covered with an insulating material and wound by at least a turn in at least several coil units nearer to an external line terminal thereby to maintain a predetermined electric potential; the improvement wherein said shielded conductors comprise a band-shaped member material for regulating electric field fixedly connected to said open inner end, an insulating material being applied on said connection and said member material for regulating electric field.

CLASS 31C. I.C.-H01C 17/00.

138048.

## DEVICE FOR SEPARATING THE BLANKS OF FILAMENTARY RESISTORS INTO INDIVIDUAL AND RESISTORS.

PAVEL ALEKANDROVICH SHFVINOV, LENINGRAD, GRAZHDANSKY PROSPEKT, 94, KORPUS 1, KV. 103, USSR, AND BORIS SERGEEVICH PAVLOV, ZELENOGORSK, ULITSА KOMSOMOLSKAYA, 1, 3, KV. 6, USSR.

Application No. 1627/Cal/73 filed July 11, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

## 3 Claims.

A device for separating the blanks of filamentary resistors into individual resistors, comprising a filament dividing mechanism which has a row of parallel-arranged movable blades located above the base into which is built-in another row of blades each of which is arranged in opposition to the respective blade of the filament dividing mechanism, said device being also provided with a retainer for setting the blank on the base in the predetermined position with respect to the blades; and an elastic member provided on the locating surface of the retainer and having stiffness somewhat lower than that of the blank.

CLASS 129 G + J. I.C.-B21B 37/00, B21B 41/12. 138049.

## METHOD AND APPARATUS FOR PREVENTING STRIP ACCUMULATION.

USS ENGINEERS AND CONSULTANTS, INC., AT 600 GRANT STREET, PITTSBURGH, STATE OF PENNSYLVANIA, UNITED STATES OF AMERICA.

Application No. 2066/Cal/73 filed September 10, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

## 9 Claims.

A method of minimizing or preventing the accumulation of strip between the stands of a reduction mill to which the strip is fed, the strip accumulating particularly during a deceleration period of the mill stands when a break or fault is discovered and strip continues to be fed into the mill, characterized by cutting the strip in front of a stand upon discovering a break or fault and guiding the advancing strip end to reverse the direction of travel of the strip.

CLASS 48C I.C.-H01G 1/01.

138050.

## A PROCESS FOR MAKING SINTERED UNITARY CERAMIC BODIES AND SAID CERAMIC BODIES MADE THEREBY.

NI INDUSTRIES INC., OF 111 BROADWAY NEW YORK NEW YORK 10006, UNITED STATES OF AMERICA.

Application No. 1106/Cal/73 filed May 10, 1973.

Addition to No. 135280/72.

Appropriate office for opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

## 10 Claims.

A process for making a sintered unitary ceramic body having electrodes or conductors, which comprises: providing sheets of a finely divided insulating or dielectric ceramic composition bonded with a fugitive bond, which composition forms a dense layer when fired to sintering temperature, introducing between the sheets a deposit of a second composition having a fugitive bond, this second composition developing an open structure when fired; consolidating a plurality of these sheets and intervening deposits whereby to obtain a fugitive-bonded, self-sustaining body; heating this body to eliminate the fugitive bonds; firing the body to sintering temperature to produce a sintered monolithic body having regions of dense ceramic material and at least one open-structured region having inter-connected voids, each such open-structured region extending to an edge region of the monolithic body; providing said edge regions of the sintered, monolithic body with penetrable barriers and providing a conductive material in the open-structured regions by impregnating them with a molten metal or a molten metal alloy, whereby the molten metal or alloy is forced through the barriers into the open-structured regions.

CLASS 24D + F. I.C.-B60T 13/38. 138051.

## IMPROVEMENTS IN OR RELATING TO SPRING BRAKE UNITS.

CLAYTON DEWANDRE COMPANY LIMITED, OF TITANIC WORKS, LINCOLN ENGLAND

Application No. 287/Cal/74 filed February 12, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patent Rules 1972) Patent Office, Calcutta.

## 7 Claims

A spring brake unit of the kind mentioned comprising a cylindrical housing, a movable wall displaceable within the housing and having at one side a hollow axial extension passing through the output end of the housing, means at the other end of the housing defining a service chamber, a spring disposed concentrically of said chamber and urging the movable wall towards the output end of the housing, means for introducing compressed air to the output end of the housing to hold the movable wall in a retracted position, a service piston displaceable in the service chamber under service line pressure admitted thereto, said piston having operative connection with an axial thrust rod extending through said hollow extension, and a nut displaceable axially but non-rotatably within said hollow extension and having screw-threaded connection with the thrust rod such that by rotation of the rod the nut can be moved along the latter to release the brake after an emergency application.

CLASS 32Fb. I.C.-C07d 31/46 138052.

## A PROCESS RELATING TO THE PRODUCTION OF 3-CYANOPYRIDINE FROM 3-PICOLINE.

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG NEW DELHI-1, INDIA.

Application No. 1490/72 filed September 22, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patent Rules 1972) Patent Office, Calcutta.

## 5 Claims

A process for the production of 3-cyanopyridine by reacting 3-picoline air and ammonia commonly known as ammoxidation followed by recovery of both 3-cyanopyridine and 3-picoline characterised in that the ammoxidation is carried out in the vapour phase at 300°C in the presence of vanadium pentoxide-molybdenum trioxide-phosphorous pentoxide-alumina as catalyst

CLASS 157C &amp; 158L. I.C.-B60L 13/00. 138053.

B60M 1/30, B61B 13/00, B61F 5/38, E01B 25/28.

## A RAIL GUIDED TRANSPORT SYSTEM.

PIERRE PATIN, OF 9, RUE NICOLAS HOUËL, 75005 PARIS, FRANCE.

Application No. 159/Cal/73 filed January 22, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

## 12 Claims.

A rail guided transport system having several tracks intersecting at a set of points and each provided with longitudinally extending guide rails, characterised in that a substantial gap exists between the guide rails of aligned tracks on opposite sides of the points, and that said guide rails have, in the vicinity of the set of points, a section of their length transversely flexible and bowed horizontally by means to align their end selectively with the ends of guide rails of different tracks, this section of said guide rails thus being able to carry out its guiding function while also serving the additional purpose of establishing a chosen route through the points.

CLASS 159F + G. I.C.-B61L 1/18. 138054.

## POSITIVE INFORMATION MOVEMENT DETECTOR.

JFUMONT-SCHNEIDER, OF 31-32, QUAI NATIONAL, 92806, PUTEAUX (HAUTS DE SEINE) FRANCE.

Application No. 1326/Cal/73 filed June 6, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

## 2 Claims.

A positive information movement detector, for overlay track circuits comprising a short track circuit without insulating joint, characterised in that it comprises: a transmitter injecting into the track voltage pulses of a high enough frequency to have a limited propagation distance; a sensor in the form of a conductive figure-of-eight frame disposed in the track at a short distance from the places where the transmitter is connected to the track, a receiver receiving via a matching transformer the pulses sensed by the frame, the receiver being adapted to check the amplitude and the frequency of the voltage induced in the secondary of the transformer and to output a steady signal of given amplitude.

CLASS 14B. I.C.-H01M 21/00. 138055.

## LEAK PROOF DRY CELL.

PRADIP CHAKRABORTY, C/O B. BHATTACHARYA, P.O. &amp; VILL-KHATORA, DT-HOWRAH, WEST BENGAL, INDIA.

Application No. 1522/Cal/73 filed June 29, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

## 2 Claims.

A leak proof dry cell characterised by the fact that the body of the dry cell is formed of a hollow zinc cylinder open at both ends of which the open lower end is closed by means of a thin layer of pitch so as to contain the usual inciting fluid and chemicals and the carbon rod used within a dry cell and the whole is then housed within a cover in the form of a cylindrical cup made of metalized plastic that is, plastic coated with metal and of a size to fit on tightly round the zinc cylindrical body of the dry cell, so that electric current can flow on freely from the zinc cylinder of the dry cell to the said cover having electric conductivity.



CLASS 5C &amp; 184. I.C.-A01d 89/00.

138056.

CORN TANK FOR HARVEST THRESHER.

DEERE &amp; COMPANY, OF MOLINE, ILLINOIS, U.S.A.

Application No. 1828/Cal/73 filed August 8, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

Corn tank for harvest thresher with a discharge pipe rotatable about a swivel axis inclined to the vertical and mounted on the outlet connection of the corn tank, which is transport position takes the almost horizontal position almost parallel to the longitudinal plane of the harvest thresher and in discharging position is upwardly inclined and extends across the direction of movement of the harvest thresher whereby the discharge pipe is held by a flexible hoisting device which has at least one pivot position on the discharge pipe and at least one connection point outside the swivel axis of the discharge pipe and mounted on the tank, characterised in that the hoisting device or agent 22 is lead around at least two guide points arranged on the discharge pipe and is connected with another connecting point provided on the tank, whereby during the swiveling of the discharge pipe an automatic compensation of the length of the hoisting device between the corresponding points of connection 24 to 30 and the guide points is obtained.

CLASS 14B. I.C.-H01M 21/00, 23/00.

138057.

A LECLANCHE TYPE DRY CELL PROVIDED WITH IMPROVED SEALING MEANS.

GEEP FLASHLIGHT INDUSTRIES LIMITED, OF 28, SOUTH ROAD, ALLAHABAD-1, UTTAR PRADESH, INDIA.

Application No. 1870/Cal/73 filed August 13, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A dry cell of the type described wherein a plastic bung-seal is provided over the sealing compound, the bung-seal having a central bore through which the contact end of the carbon rod extends and one or more annular depending flanges on the lower side thereof, said carbon rod making a pressure fit in said central bore so that no liquid exudate can leak through said central bore and said depending flanges form a liquid tight engagement with the outer open end surface of the zinc can and the sealing compound.

CLASS 190B + C. I.C.-F01d 1/04.

138058.

AN AXIAL FLOW TURBINE.

KRAFTWERK UNION AKTIENGESELLSCHAFT OF 4330 MULHEIM-RUHR, WISENSTRASSE 35, FEDERAL REPUBLIC OF GERMANY.

Application No. 2268/Cal/73 filed October 12, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims

An axial flow turbine comprising an external housing, an internal housing which comprises a bearing part and a blade carrier part integral with one another and is disposed inside the external housing, and a shaft arranged within the internal housing, there being a plurality of fixed and movable blades secured respectively to said blade carrier part and the shaft.

337GI/75

CLASS 129 Q. I.C.-B21J 15/00,

138059.

B51K 25/00, B23K 11/00.

A METHOD OF CONNECTING A SINTERED METAL PART TO ANOTHER PART.

THE LUCAS ELECTRICAL COMPANY LIMITED, OF WELL STREET, BIRMINGHAM, ENGLAND.

Application No. 223/Cal/74 filed February 1, 1974.

Convention date February 3, 1973/(5463/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A method of connecting a sintered metal part including an integral sleeve to another part having therein an aperture for receiving said sleeve, comprising the steps of interengaging the two parts with said sleeve extending through said aperture & performing a hot riveting operation at a plurality of spaced locations on the projecting portion of said sleeve of said sintered part.

CLASS 99B. I.C.-B65D 17/16.

138060.

IMPROVEMENTS IN OR RELATING TO PILFER-PROOF METAL CONTAINERS.

THE METAL BOX COMPANY OF INDIA LIMITED, BARLOW HOUSE 59C CHOWRINGHEE ROAD, CALCUTTA-700020, WEST BENGAL, INDIA.

Application No. 234/Cal/74 filed February 2, 1974.

Appropriate office for opposition Proceedings (Rule 4 Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A pilferproof metal container which has :—

- (i) a seamed tin-plate end on which is formed a central panel circumscribed by an annular groove;
- (ii) a local weakening within the said groove, which weakening is produced e.g. by impelling a sharp tool of a desired profile against the said tin-plate end while it rests on an anvil; and
- (iii) a tinned steel wire tab soldered on the said central panel, the said tab having at one end thereof a sharp point which will be fixed over the said score or weakening.

CLASS 172D. I.C.D01h.

138061.

IMPROVEMENTS RELATING TO SPINNING FRAMES.

JAMES MACKIE &amp; SONS LIMITED, OF ALBERT FOUNDRY, BELFAST. BT12 7ED. NORTHERN IRELAND.

Application No. 574/Cal/73 filed March 14, 1973.

Convention date March 27, 1972/(14298/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A conductor for use in association with the front delivery rollers of a drafting head of a spinning frame comprising a channel-shaped sliver-guiding portion, the entrance of which is wider than the exit and having an arm which extends rearwardly in relation to the intended direction of sliver movement to a point beyond the entrance of the sliver-guiding portion for attachment to a support to enable pivotal move-

ment of the conductor as a whole resulting in movement of the conductor in a direction transverse to the direction of guiding of the sliver.

CLASS 32F<sub>3d</sub> & 55F<sub>3</sub> + F<sub>4</sub>. I.C.-C07C 169/02. 138062.

#### PROCESS FOR THE PREPARATION OF STEROID COMPOUNDS.

AMERICAN HOME PRODUCTS CORPORATION, OF 685 THIRD AVENUE, NEW YORK 17, NEW YORK, UNITED STATES OF AMERICA.

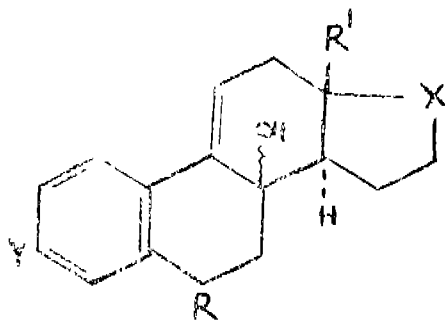
Application No 1298/Cal/74 filed June 13, 1974.

Division of Application No. 106705 filed August 19, 1966.

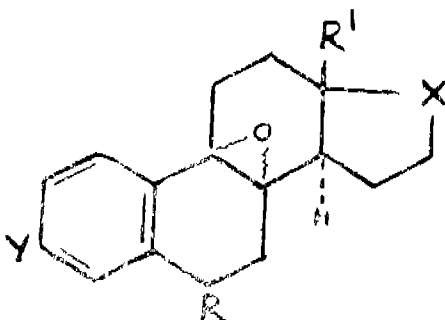
Appropriate office for opposition Proceedings (Rule 4 Patents Rules, 1972) Patent Office, Calcutta.

#### 12 Claims.

A process for the preparation of a steroid compound of structure (A).



where R is hydrogen or an alkyl group, R<sup>1</sup> is an alkyl group Y is hydrogen or a group which is ortho-para directing in electrophilic aromatic substitution, X is a carbonyl, ketalised carbonyl, ethylidene, hydroxymethylene, acyloxymethylene, or an organic-hydro-methylene group, -CR<sup>2</sup>R<sup>3</sup>, where R<sup>2</sup> is an unsubstituted alkyl, alkenyl or alkynyl group or a substituted alkyl, alkenyl or alkynyl group having the essential character of an unsubstituted alkyl, alkenyl or alkynyl group, and R<sup>3</sup> is a hydroxy or acyloxy group, in which the epoxy ring of the 8, 9-epoxy-gona-1, 3, 5(10)-triene of structure (B).



is cleaved with acid then if desired a 17-alkanesulphonated hydroxy group is reduced with a hydride transfer agent to give a 17-hydroxy group, a 17-carboxylic acyloxy group is hydrolysed with base to give a 17-hydroxy group, a 17-carbonyl group is reduced by a hydride transfer agent to give a 17-hydroxy group or a 17-hydroxy group is oxidised by the Oppenauer reaction to give a 17-keto group, a 17-alkanesulphonated hydroxy group and a 3-alkanesulphonated hydroxy group are both reduced by a hydride transfer agent to give a 3, 17-diol, 3, 17-carboxylic acyloxy groups are hydrolysed by base to give a 3, 17, dial, or a 3-alkoxy group is de-etherified with acid or an alkyl magnesium halide to give a 3-hydroxy group.

CLASS 32F<sub>3d</sub> & 55E<sub>3</sub> + F<sub>4</sub>. I.C.-C07C 169/02. 138063

#### PROCESS FOR THE PREPARATION OF STEROID COMPOUNDS.

AMERICAN HOME PRODUCTS CORPORATION, OF 685 THIRD AVENUE, NEW YORK 17, NEW YORK, UNITED STATES OF AMERICA.

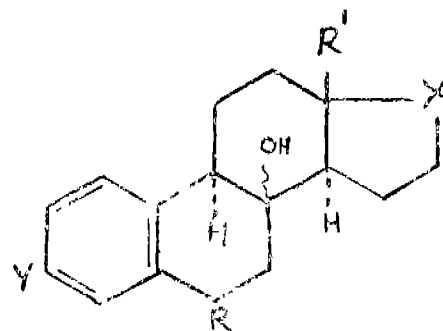
Application No. 1299/Cal/74 filed June 13, 1974.

Division of Application No. 106705 filed August 19, 1966

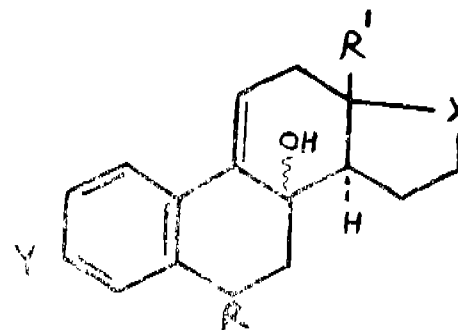
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 13 Claims.

A process for the preparation of a steroid compound of structure (A).



where R is hydrogen or an alkyl group, R<sup>1</sup> is an alkyl group Y is hydrogen or a group which is ortho-para directing in electrophilic aromatic substitution, X is a carbonyl, ketalised carbonyl, ethylidene, hydroxymethylene, acyloxymethylene, or an organo-hydroxymethylene group, -CR<sup>2</sup>R<sup>3</sup>, where R<sup>2</sup> is an unsubstituted alkyl, alkenyl or alkynyl group or a substituted alkyl, alkenyl or alkynyl group having the essential character of an unsubstituted alkyl, alkenyl or alkynyl group and R<sup>3</sup> is a hydroxy or acyloxy group, in which a 8-hydroxygona-1, 3, 5(10), 9(11)-tetraene of structure (B).



is hydrogenated at the 9(11) double bond by catalytic hydrogenation and if desired a 17-alkanesulphonated hydroxy group is reduced with a hydride transfer agent to give a 17-hydroxy group, a 17-carboxylic acyloxy group is hydrolysed with base to give a 17-hydroxy group, a 17-carbonyl group is reduced by a hydride transfer agent to give a 17-hydroxy group or a 17-hydroxy group is oxidised by the Oppenauer reaction to give a 17-keto group, a 17-alkanesulphonated hydroxy group and a 3-alkanesulphonated hydroxy group are both reduced by a hydride transfer agent to give a 3, 17-diol, 3, 17-carboxylic acyloxy groups are hydrolysed by base to give a 3, 17-diol or a 3-alkoxy group is de-etherified with acid or an alkyl magnesium halide to give a 3-hydroxy group.

CLASS 89. I.C.-G07B 13/00.

138064.

## A MACHINE FOR TESTING TAXIMETERS.

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Application No. 125/Cal/73 filed January 17, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 4 Claims.

A machine for testing taxi-meters which consists of an electric motor to drive a horizontal shaft, a worm and worm wheel fixed to the motor and the horizontal shaft to reduce the speed of the shaft, bevel gear sets each set consisting of two conical gears of which one conical gear is fixed on the horizontal shaft while the other conical gear is meshed with the first conical gear and fixed to an output shaft to which a taxi-meter under test is attached through a flexible shaft, thus several taxi-meters are fixed on the several output shafts through several flexible shaft whereby when the motor runs, the worm and worm wheel reduce the speed of the horizontal shaft which runs several taxi-meters simultaneously through the conical gear sets, characterised in that an adopter is provided between each output shaft and each taxi-meter shaft, each adopter consists of two chambers, i.e., a top chamber and a bottom chamber, the bottom chamber is placed over the corresponding output shaft, a pin with a narrow neck in the middle is inserted in through-holes in the bottom chamber and corresponding output shaft whereby the narrow neck of the pin is placed between the wall of the adopter and the output shaft with a clearance between the adopter and the output shaft, a screw is provided in the top chamber to tighten the taxi-meter shaft passing through an opening in the upper chamber, whereby if the taxi-meter under test stops suddenly, a torque is developed on the corresponding adopter due to stoppage of the taxi-meter shaft at one end of the adopter and at the same time due to the continuous running of the output shaft at the other end the said torque results in the breaking of the pin of the adopter the narrow neck of the said pin, the said breakage resulting in the disconnection of the defective meter from the main driving mechanism without affecting the smooth running of the other meters on the machine.

CLASS 154D &amp; 186F. I.C.-G06K 15/02.

138065.

## ELECTRONIC DIGITAL SYSTEM FOR USE IN REPRODUCING CHARACTERS OF LANGUAGES THAT USE ARABIC-FARSI SCRIPT.

ALEPHTRAN SYSTEMS LIMITED, OF 1010 ST. CATHERINE STREET WEST, MONTREAL PROVINCE OF QUEBEC, CANADA.

Application No. 243/Cal/73 filed February 1, 1973.

Convention date October 30, 1972/(155,204/72) CANADA

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 8 Claims.

An electronic digital system for use in reproducing characters of languages that use Arabic-Farsi script comprising means for reproducing said characters at a speed commensurate with the English language while preserving the natural style calligraphy of said languages, which means comprises an input device, circuit means for identifying the concatenation properties and shape of character strings in a word of said languages and fed by said input device, and an output device for reproducing said word.

CLASS 16B &amp; 147C. I.C.-G10K 9/00, 9/12.

138066.

## ELECTROMAGNETIC HORN FOR GENERATING SOUND.

THE LUCAS ELECTRICAL COMPANY LIMITED, OF WELL STREET, BIRMINGHAM, ENGLAND.

Application No. 809/Cal/73 filed April 6, 1973.

Convention date April 11, 1972/(16542/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 11 Claims.

An electromagnetic horn including a hollow body, a resilient diaphragm carried by the body, an electromagnet within the body, an electromagnet armature carried by the diaphragm, an electrical switch within the body and including a resilient arm carrying a contact, said switch controlling energisation of the electromagnet, and a push rod in screw-threaded engagement with a component carried by the push rod being adjustable in position relative to the diaphragm and therefore the switch and having an end which engages in a recess in the resilient arm.

CLASS 90J 97D. I.C.-C03B 5/00, 18/00, H05B, 1/00, 3/00.

138067.

## IMPROVEMENTS IN OR RELATING TO ELECTRICAL HEATERS.

PILKINGTON BROTHERS LIMITED, OF PRESCOT ROAD, ST. HELENS, LANCASHIRE, ENGLAND, (FORMERLY OF 201-211 MARTINS BUILDING, WATER STREET, LIVERPOOL L" 3SR, ENGLAND).

Application No. 847/Cal/73 filed April 10, 1973.

Convention date April 21, 1972/(18719/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 19 Claims.

An electrical heater for use in apparatus for the manufacture of flat glass on a molten metal bath, comprising carbon heating elements fixed in insulating supports in an elongated carbon box, and electrical connectors extending through and into the box.

CLASS 129G. I.C.-B23B 11/00.

138068.

## CUTTING TOOL.

SANDVIK AKTIEBOLAG, OF FACK, S-811 01, SANDVIKEN 1, SWEDEN.

Application No. 888/Cal/73 filed April 16, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 11 Claims.

Cutting tool having a body with an insert-receiving site to locate an insert for a cutting operation, said site having, in the operative position of the tool, a bottom surface and side supports to take the thrust occasioned by the cutting forces, at least one of the side supports being disposed on a first movable means which can be reciprocated in order to feed a new insert from an insert storage magazine on the tool body, said movable means being arranged to co-operate at the end of its feed movement with second movable means associated with a clamping element which is thereby moved to a position to clamp an insert in the said site.

CLASS 160A. I. C.-B62K 3/16.

138069.

SCOOTERS MODIFIED FOR AGED AND PARTLY DISABLED PERSONS.

SUKRITI RANJAN GUPTA, F/D, 27, TAGORE GARDEN, NEW DELHI-110027, INDIA.

Application No. 1250/Cal/73 filed May 29, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 7 Claims.

A three-wheeler scooter suitable for use by aged and disabled persons comprising—

(a) two front wheels, and a rear wheel with engine fixed centrally under the body at the rear of the scooter, wherein two front forks with steering arms welded are fixed on two front sides of the body, the front forks on both sides carrying the said two front wheels complete with U-shaped suspension members,

(b) one ends of the two steering arms are connected by an adjustable cross tie and the other ends of the steering arms are connected by rack-and-pinion through ball joints, and

(c) the two steering arms are splayed outwards in the front and backwards in the rear, the splaying being of such degree that when the central axes of the two steering arms are extended rearwards, they intersect at a point centrally located on the rear wheel.

CLASS 127-I. I.C.-F16C 11/10.

138070.

LOCKING MEANS FOR A ROTATABLE MEMBER.

MASSEY-FERGUSON SERVICES N.V., ABRAHAM DE VEERSTAAT 7A, CURACAO, NETHERLANDS ANTILLES.

Application No. 1699/Cal/73 filed July 19, 1973.

Convention date August 2, 1972/(36055/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 8 Claims.

A locking means for a rotatable member provided with a polygonal portion, said locking means comprising at least two resiliently biased locking members adapted to the mounted so as to co-operate with sides of the polygon defining said polygonal portion so that when one of said locking members is substantially parallel to and co-operating with a side of said polygon, thereby providing a locked position for said rotatable member, another of said locking members is at an acute angle to and co-operating with a side of said polygon so that in operation there are provided more locked positions of the rotatable member than there are sides to said polygon for each complete rotation of said member.

CLASS 150C. I.C.-F16L 19/04.

138071.

PIPE CONNECTION.

HANS OETIKER, OF OBERDORFSTRASSE 21, 8810 HORGES, SWITZERLAND.

Application No. 1734/Cal/73 filed July 25, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 4 Claims.

Pipe connection in which the pipe ends present rotation-symmetrical lips or flarings in the joining zone and which comprises a radially inwards lockable clamping collar having a U-profiled internal surface, the arrangement being such that the internal faces of the clamping collar and/or the faces of the lips or flaring facing away from the joint are oblique to the pipe axis, so that, in the locked state of the clamping collar, the joining edges of the pipe ends are pressed against each other, characterized in that at least the radially outermost annular portion of the clamping collar presents at least one substantially known plastically deformable lug-shaped bulge capable of being compressed for the purpose of clinching the ring and thus locking the pipe connection.

CLASS 172D. I.C.-D01H 15/00.

138072.

DEVICE AND METHOD FOR USE IN POSITIONING OF A SPINDLE ROTOR OF A SPINNING OR TWISTING SPINDLE, ESPECIALLY A DOUBLE TWIST.

PALITEX PROJECT-COMPANY GMBH., OF WEESERWEG 8, 415, KREFELD, WEST GERMANY.

Application No. 2301/Cal/73 filed October 16, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 17 Claims.

A device, for use in connection with the positioning of a spindle rotor of a spinning or twisting spindle, in particular a double twisting spindle, when the rotor has been released from its drive and has stopped in an arbitrary position, which device is characterised by its comprising a compressed air nozzle which may be moved towards the underside of the rotor, and which is disposed such that it can direct a jet of compressed air emerging from it eccentrically and obliquely against the underside of the rotor.

CLASS 24A. I.C.-B60T 7/00, 11/00.

138073.

IMPROVEMENTS RELATING TO VEHICLE BRAKES.

GIRLING LIMITED, OF KINGS ROAD, TYSELEY, BIRMINGHAM 11, ENGLAND.

Application No. 2672/Cal/73 filed December 7, 1973.

Convention date December 7, 1972/(56475/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 16 Claims.

A wedge-type actuating means for a vehicle brake comprising a housing, a wedge-member located in the housing for displacing at least one friction element towards the braking engagement with a rotor, tappet means in the housing displaceable therein responsive to movement of the wedge-member and presenting complementary inclined surface arranged one on each side of the wedge-member, at least one roller interposed between each inclined surface and the co-operating surface of the wedge member, and a cage in which the rollers are retained and guided, in which the cage is provided on opposite sides of the wedge-member with roller spindle receiving aperture of different outline which the divergent with respect to the direction of movement of the said wedge-member to displace said means.

CLASS 186A. I.C.-H03H 7/04, 7/12.

138074.

IMPROVEMENTS IN OR RELATING TO FREQUENCY SELECTIVE CIRCUIT ARRANGEMENTS.

SIEMENS AKTIENGESSELLSCHAFT, OF BERLIN AND MUNICH, WEST GERMANY.

Application No. 2761/Cal/73 filed December 19, 1973.

Convention date July 19, 1973/(34425/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 6 Claims.

A frequency selective circuits arrangement for use as an adjustable correcting device, in which a resistor network is provided for connection between a signal supply line and an auxiliary four-terminal network whose characteristic curve plotting attenuation is varied by adjustment of the terminating impedance of the four-terminal network, the self-capacitance  $C_s$  and the supply line inductance  $L_s$  of a variable terminating resistance  $R_t$  being compensated by a reactive half-element filter combination having a series arm which contains a capacitor  $C_s$  having a capacitance equal to  $1/w_m^2 L_s$  and a shunt arm which contains coil  $L$  having an inductance equal to  $1/w_m^2 C_s$ , said filter combination being arranged in such manner that said coil is connected nearest to said four-terminal network, and  $f_m$ , which is  $w_m/2\pi$ , signifies the frequency at which an attenuation extreme value (zero or infinity) occurs.

#### OPPOSITION PROCEEDINGS

The opposition entered by JG Glass Industries Private Limited to the grant of a patent on application No. 135812 made by Aladdin Industries Incorporated as notified in Part II, Section 2 of the Gazette of India dated the 3rd May 1975 has been treated as withdrawn.

#### PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

#### (1)

124384 125337 125474 125512 125530 125721 125755 125882  
126401 126716 126981 127835 127963 127982 128118 128122  
128459 128468 128509 128584 128754 129060 129439 129587  
129635 129798 130408

#### (2)

124748 124892 125971 126092 126126 126173 126453 127547  
128268 128550 128662 129306 129318 129413 130645

#### (3)

125168 125376 126171 126266 126271 126303 126776 126867  
127164 127606 127683 127904 128547 128864 128933 129185  
129458 130023 130452 130564 130580

#### (4)

109081

#### (5)

121993

#### (6)

135425

#### PATENTS SEALED

81462 87937 93241 95717 95909 108216 109500 111963  
119212 133400 134452 134586 134717 134982 135166 136178  
136388 136395 136399 136400 136470 136471 136479 136579  
136583 136584 136609 136612 136614 136616 136617 136623  
136624 136625 136626 136665 136673 136691 136739 136773  
136860 136933 137278

#### AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that Krishna Ramchandra Datye, an Indian National, of Amit Building, Flat No. 10, Behind Dena Bank, Nehru Road, Vile Parle (East), Bombay-400057, have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of his application for patent No. 133293 for "Method of constructing reinforced concrete under ground structures, such as foundations, piles, diaphragm walls and a device therefor". The amendments are by way of explanation and correction of the description and claims in the specification on file so as to describe the invention more correctly and clearly. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

#### CLAIM UNDER SECTION 20(1) OF PATENTS ACT, 1970

The claim made by HOECHST AKTIENGESSELLSCHAFT under section 20(1) of the Patents Act, 1970 to proceed the application for Patent No. 137575 in their name has been allowed.

#### AMENDMENT PROCEEDINGS UNDER SECTION 57

The amendments proposed by Standard Brands Incorporated in respect of Patent Application No. 135585 as advertised in Part III, Section 2 of the Gazette of India dated the 21st June 1975, have been allowed.

#### REGISTRATION OF ASSIGNMENTS, LICENCES, ETC. (PATENTS)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

91796

... .. M/s. White-Westinghouse Corporation.

96424

135756.— ... .. Teng Mao-Nan.

#### APPLICATION FOR COMPULSORY LICENCE UNDER SECTION 93(4)

A petition has been made by Messrs. Sujan Engineering Private Ltd., 130, Dharmtolla Street, P.O. Ghusuria, Howrah for grant of compulsory licence under Patents Nos. 87007 and 87008, under the provisions of sub-section (4) of Section 93 of the Patents Act, 1970.

#### RENEWAL FEES PAID

73629 73630 73843 73844 73845 73885 73886 73975 74047  
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79403 79645 82368 82369 83232 84595 84647 84679 84680  
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90779 90882 90883 90892 90959 91051 91077 91229 91418  
91701 94053 96087 96107 96108 96109 96110 96111 96149  
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102347 102360 102409 102438 102599 102699 102700 102739  
102882 102895 103032 103039 103084 105265 105619 107028  
107290 107377 107543 107558 107581 107686 107706 107709

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 107958 107960 107978 107986 108010 108013 108034 108035  
 108141 108188 108239 108651 109569 110643 111576 111835  
 112771 112776 112836 112848 112894 112906 112926 112947  
 112985 112999 113011 113012 113048 113071 113117 113130  
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 116056 117510 117926 118015 118025 118035 118121 118182  
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 118593 118663 118680 118703 118871 118951 118955 119070  
 120798 122683 123458 123535 123598 123666 123699 123780  
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 124056 124059 124065 124163 124178 124187 124188 124235  
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 129065 129082 129095 129103 129104 129112 129113 129120  
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 129392 129413 129420 129429 129443 129600 129712 129792  
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 132305 132890 133233 133256 133257 133312 133347 133411  
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 133498 133508 133513 133514 133535 133550 133562 133579  
 133603 133609 133652 133667 133684 133685 133698 133706  
 133761 133774 133782 133797 133820 133934 133948 134068  
 134208 134300 134312 134499 134845 134852 135587 135599  
 135606 135626 135725 135736 135935 136055 136186 136249  
 136292 136342 136344 136350 136356 136358 136397 136413  
 136452 136457 136483 136541 136591 136638 136645 136652  
 136663 136664 136717 136730

#### RESTORATION PROCEEDINGS

##### (1)

Notice is hereby given that an application for restoration of Patent No. 83748 dated the 16th August, 1962 made by Anant Laxmanrao Juvekar on the 20th June, 1974 and notified in the Gazette of India, Part III, Section 2, dated the 20th July, 1974 has been allowed and the said patent restored.

##### (2)

Notice is hereby given that an application for restoration of Patent No. 100264 dated the 25th June, 1965 made by Alexander Peter Saranin on the 4th June, 1975 and notified in the Gazette of India, Part III, Section 2, dated the 12th July, 1975 has been allowed and the said patent restored.

##### (3)

Notice is hereby given that an application for restoration of Patent No. 110643 dated 15th May, 1967 made by the President of India on the 8th October, 1973 and notified in the Gazette of India, Part III, Section 2, dated the 9th November, 1974 has been allowed and the said patent restored.

##### (4)

Notice is hereby given that an application for restoration of Patent No. 127456 dated 14th July, 1969 made by Dulmison (Australia) Pty. Limited on the 24th June, 1975 and notified in the Gazette of India, Part III, Section 2, dated the 2nd August, 1975 has been allowed and the said patent restored.

#### APPLICATION FOR REVIEW OF CONTROLLER'S DECISION UNDER SECTION 77(1)(f).

An application for review of the decision of Jt. Controller of Patents & Designs under Section 25 of the Patents Act, 1970 dated 22nd July, 1975 in respect of opposition to the grant of a patent on application No. 129703 has been filed.

#### REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

Class 1. No. 142840. Akil Ahmed and Sm. Tejinder Kaur trading as Messrs. Brighto Auto Industries, AA/7, Gali No. 4, Anand Parbat, New Rohtak Road, New Delhi-110005, Indian Nationals. "The auto mirrors". March 29, 1975.

Class 1. No. 142852. Minoquip of S. P. Mukherjee Road, Murgasol, Asansol, State of West Bengal, India. Indian Nationals. "Clamp". April 1, 1975.

Class 1. No. 142953. Abdul Ghani, An Indian Subject, trading as Abdul Ghani, Abdul Majid, Behind G. B. Road, Katra Rajji, Delhi-6, "Latch". April 29, 1975.

Class 1. No. 142978. Expo Engineers, 46/22, East Patel Nagar, New Delhi (An Indian Partnership Concern). Indian Nationals. "Lock for brief cases." May 8, 1975.

Class 1. Nos. 143078 & 143079. Vijay Kumar Bharara (An Indian Subject) C-1/43-44, Malka Ganj, Delhi. "Stove". June 2, 1975.

Class 1. No. 143098. Philips India Limited, of Shivsagar Estate, Block "A", Dr. Annie Besant Road, Worli, Bombay 18(WB), Maharashtra State, India, An Indian Company. "A front panel of a tuner amplifier". June 10, 1975.

Class 1. No. 143141. Philips India Limited, of Shivsagar Estate, Block "A", Dr. Annie Besant Road, Worli, Bombay 18(WB), Maharashtra State, India, An Indian Company. "A radio". June 25, 1975.

Class 1. No. 143144. Harnam Dass and Sons, Bazar Kathian, Amritsar, Punjab, An Indian Partnership firm. Indian National. "Ice-pick". June 26, 1975.

Class 1. No. 143167. Talco Industries, 4878, Union Building, Bara Tooti, Sadar Bazar, Delhi-6, (A firm registered under the Indian Partnership Act, 1932). Indian National. "Paper clips". June 27, 1975.

Class 3. No. 142694. Vinodkumar Bhikamchand Jain, Indian National of C/o. Jasraj Keringji, 50 Kika Street, Gulalwadi, Bombay-64, Maharashtra State. "Container". February 6, 1975.

Class 3. No. 142772. Kalpana Industries, an Indian Partnership firm, at 405, Byculla Industrial Estate, Sussex Road, Near Victoria Gardens, Bombay-400027, Maharashtra, India. "Memo clip", March 10, 1975.

Class 3. No. 142804. Victoria Electrical Industries, 1641, Basti Julahan, Sadar Bazar, Delhi, An Indian Partnership Concern, Indian National. "Electric plugs". March 15, 1975.

Class 3. No. 142854. Wembley Enterprises, E-28, Balinagar, New Delhi, (Indian Partnership Concern). "Bottle", April 3, 1975.

Class 3. No. 142894. Gen Sanitary Appliances Private Limited, A-57, Wazirpur Industrial Area, Delhi-110052, (A Company incorporated under the Indian Companies Act) "Bathroom shower", April 14, 1975.

Class 3. No. 143074. Adgifts India, 3/23, Kamal Mansion, Arthur Bunder Road, Colaba, Bombay-5, Maharashtra State, India, An Indian Partnership firm, Indian Nationality. "Ash tray". May 30, 1975.

Class 3. No. 143075. Suru Enterprise (An India Proprietary Firm), C-3, Sona Udyog, P.P. Rd., Andheri (E), Bombay-400069, Maharashtra State, India, Indian National. "Container". May 30, 1975.

Class 3. No. 143099. Philips India Limited, of Shivsagar Estate, Block "A", Dr. Annie Besant Road, Worli, Bombay 18(WB), Maharashtra State, India, an Indian Company. "A front panel of a tuner amplifier," June 10, 1975.

Class 3. No. 143101. Jordan as, a Norwegian Firm, of Waldemar Thranesgate 75, Oslo 1, Norway. "A toothbrush", June 12, 1975.

Class 3. No. 143121. Larsen & Toubro Limited of L. & T. House, Ballard Estate, Bombay-1, Maharashtra, India, an Indian Company. "A contractor accessory", June 13, 1975.

Class 3. No. 143142. Philips India Limited, of Shivsagar Estate, Block "A", Dr. Annie Besant Road, Worli, Bombay 18(WB), Maharashtra State, India, An Indian Company. "A radio". June 25, 1975.

Class 3. No. 143143. Eagle Plastics, E 1 C C Colony, Delhi-110007 An Indian Proprietary Concern, Indian National. "Union for pipes", June 25, 1975.

Class 3. No. 143168. Deekay International, 206-A to Z Industrial Estate, Ferguson Road, Lower Parel, Bombay-400013, Maharashtra State, India, an Indian proprietary firm. "Handle". June 28, 1975.

Class 5. No. 142697. Metro Playing Cards Co., Central Salsette Road, Kalina, Bombay-29, Maharashtra, India, An Indian Partnership Concern. "Playing cards". February 10, 1975.

Class 5. No. 143139. Paramount Products, An Indian Partnership Concern, A/28, Sri Ram Industrial Estate, Wadala, Bombay-400031, (Maharashtra State). "Carton". June 24, 1975.

Class 13. Nos. 143104 to 143120. The Delhi Cloth & General Mills Co. Limited, A Joint Stock Company Registered under the Indian Companies Act, 1882 with Registered Office at Bara Hindu Rao, Delhi-6, "Towels". June 13, 1975.

Class 13. Nods. 143152, 143153, 143155, 143156, 143157, 143159, 143160, 143161, 143162, 143163, 143164, 153165 & 143166.

The Delhi Cloth & General Mills Co. Limited, A Joint stock Company registered under the Indian Companies Act, 1882 with registered Office at Bara Hindu Rao, Delhi-6. "Towels", June 27, 1975.

# COPYRIGHT EXTENDED FOR A SECOND PERIOD OF FIVE YEARS.

Design Nos. 136656, 136657, 137700, 137969—Class 1.

Design Nos. 136643, 136644, 137244, 137687, 137797, 138114, 138161, 138470—Class 3.

Design No. 137288.—Class 5.

Design No. 138115.—Class 10.

Design Nos. 140537 & 140538.—Class 12.

# COPYRIGHT EXTENDED FOR A THIRD PERIOD OF FIVE YEARS.

Design Nos. 123774, 136318, 136319.—Class 1.

Design Nos. 126078, 126687, 126939, 126940, 126941, 126942, 127092, 137244 & 137687.—Class 3.

Design No. 137288.—Class 5.

Design No. 127520.—Class 10.

Design Nos. 140537 & 140538.—Class 12.

# NAME INDEX FOR APPLICANTS FOR PATENTS FOR THE MONTH OF SEPTEMBER 1975 (NOS. 1682/Cal/75 to 1874/Cal/75, 237/Bom/75 to 263/Bom/75 and 131/Mas/75 to 148/Mas/75.

## Name & Application No.

### —A—

Abex Corpn.—1683/Cal/75.

Ajit Radio Corporation Pvt., Ltd.—263/Bom/75.

Aluminium Pechiney.—1803/Cal/75.

Ambekar, S. R.—254/Bom/75.

Australan Fertilizers Ltd.—1778/Cal/75.

### —B—

Bathija, S. S. (Mrs.)—262/Bom/75.

Bayer Aktiengesellschaft.—1692/Cal/75, 1773/Cal/75, 1774/Cal/75, 1808/Cal/75, 1809/Cal/75, 1852/Cal/75.

Bhargava, Y. N.—1695/Cal/75.

Bhatia, K. B.—238/Bom/75, 239/Bom/75.

Biocel Corpn.—1717/Cal/75.

Board of the Rubber Research Institute of Malaysia, The.—1872/Cal/75

Bunker Ramo Corpn.—1820/Cal/75

### —C—

Canadian Ingersoll-Rand Co., Ltd.—1708/Cal/75.

Caterpillar Tractor Co.—1753/Cal/75.

C. A. V. Ltd.—1810/Cal/75, 1811/Cal/75.

Celanese Corpn.—1770/Cal/75.

Chadha, A. (Miss)—1807/Cal/75.

Chatterjee, J.—1715/Cal/75.

Chhabra, J. R.—1685/Cal/75, 1862/Cal/75.

## Name &amp; Application No.

## Name &amp; Application No.

## C—(Contd.)

## G—(Contd.)

Chinoim Gyogyszer Es Vegyeszeti Termekek Gyara R. T.—1719/Cal/75, 1788/Cal/75.  
 Ciba-Geigy of India Ltd.—241/Bom/75.  
 Continental Can Company Inc.—1793/Cal/75.  
 Council of Scientific and Industrial Research.—1723/Cal/75, 1724/Cal/75, 1725/Cal/75, 1768/Cal/75, 1769/Cal/75, 1814/Cal/75, 1815/Cal/75, 1816/Cal/75, 1817/Cal/75, 1818/Cal/75, 1819/Cal/75, 1841/Cal/75, 1842/Cal/75, 1849/Cal/75.

## —D—

Dana Corp.—1863/Cal/75.  
 Datye, K. R.—1802/Cal/75.  
 De Beers Industrial Diamond Division (Ireland) Ltd.—1748/Cal/75.  
 Deodhar, D. S.—255/Bom/75.  
 Desai, M. H.—1854/Cal/75.  
 Deshmukh, J. B.—260/Bom/75.  
 Deutsche Kapillar-Plastik GmbH & Co.—1799/Cal/75.  
 D. H. Baldwin Co.—1754/Cal/75.  
 Didier Werke A. G.—1843/Cal/75.  
 Dmitriev, V. P.—1716/Cal/75.  
 Dominion Foundries and Steel Ltd.—1694/Cal/75.  
 Dow Chemical Co., The—1712/Cal/75.  
 Durametallic Corp.—1759/Cal/75.

## —E—

Egyesult Izzolampa ES Villamosagi RT.—1850/Cal/75.  
 E.G.Y.T. Gyogyszervegyeszeti Gyar, formerly known as Egyesult Gyogyszer Es Tapsizer Gyar.—1865/Cal/75.  
 Eli Lilly and Co.—1744/Cal/75.  
 Elken-Spigerverket A/S.—1721/Cal/75.  
 Engineer, J. D.—242/Bom/75.  
 Eszalmagyarorszagi Yegyimuvek.—1762/Cal/75.  
 Etat Francais represented by the Ministerial Delegate for Armament.—1734/Cal/75, 1782/Cal/75.

## —F—

F. Hoffmann-La Roche & Co. Aktiengesellschaft.—1801/Cal/75.

## —G—

Gaba, H. L.—1686/Cal/75.  
 Gandhi, M. C.—248/Bom/75.  
 Gangadharan Pillai, P.—133/Mas/75.  
 General Commintion Inc.—1798/Cal/75.  
 General Electric Company Ltd., The—1873/Cal/75.  
 General Signal Corp.—1777/Cal/75.  
 Ghanshyam.—252/Bom/75.

Girling Ltd.—1735/Cal/75, 1785/Cal/75, 1797/Cal/75, 1836/Cal/75, 1837/Cal/75, 1847/Cal/75, 1848/Cal/75.  
 Gould Inc.—1738/Cal/75, 1739/Cal/75, 1740/Cal/75, 1789/Cal/75.  
 Greer Hydraulics, Inc.—1806/Cal/75.  
 Gupta, J.—1687/Cal/75.  
 Gurdit Institute Private Ltd., The—145/Mas/75.  
 Gustav Schade Maschinenfabrik.—1794/Cal/75.

## —H—

Havewala, N. M.—256/Bom/75.  
 Hindustan Lever Ltd.—237/Bom/75, 240/Bom/75.  
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 Hoechst Aktiengesellschaft.—1691/Cal/75, 1706/Cal/75, 1728/Cal/75, 1729/Cal/75, 1730/Cal/75, 1731/Cal/75, 1732/Cal/75, 1733/Cal/75, 1853/Cal/75, 1866/Cal/75, 1867/Cal/75.  
 Hoechst Pharmaceuticals Ltd.—243/Bom/75.

## —I—

Imperial Chemical Industries Ltd.—1821/Cal/75, 1822/Cal/75, 1823/Cal/75, 1871/Cal/75.  
 Inmont Corp.—1840/Cal/75.  
 International Business Machines Corp.—1838/Cal/75.  
 Islam, M. M.—138/Mas/75.  
 Ivanov, J. A.—1713/Cal/75.

## —J—

Jain, A. K.—1696/Cal/75.  
 Jain, M. (Mrs.)—1805/Cal/75.  
 Jain, N. K.—1767/Cal/75.  
 Joseph, M.—137/Mas/75.

## —K—

Kansara, M. C.—244/Bom/75, 245/Bom/75.  
 Karl Kroyer St. Anne's Ltd.—1860/Cal/75.  
 Kher, R. N.—1786/Cal/75, 1787/Cal/75.  
 Knotex Maschinenbau G.m.b.H.—1800/Cal/75.  
 Knutsen, E.—1839/Cal/75.

Kulkarni, V. P.—253/Bom/75.  
 Kulkarny, R. K.—251/Bom/75.  
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 Kumar, B. S.—246/Bom/75.  
 Kuraray Co., Ltd.—1830/Cal/75.  
 Kuryakose, K. P.—146/Mas/75, 147/Mas/75, 148/Mas/75.

## —L—

Lal, A. K.—1868/Cal/75, 1869/Cal/75, 1870/Cal/75.  
 Larsen & Toubro Ltd.—258/Bom/75.



## Name &amp; Application No.

## L—(Contd.)

Leca Trading & Concession A/S.—1737/Cal/75.  
 Lista OG Mosjoen. Aluminiumverk Elkem Aluminium A/S  
 & Co.—1825/Cal/75.

## —M—

Mahadevan Pillai, K. P. (Dr.)—131/Mas/75, 132/Mas/75.  
 Manay, N. V.—144/Mas/75.  
 McGraw-Edison Co.—1746/Cal/75.  
 Mehra, P. K.—1813/Cal/75.  
 Menon, R. B.—141/Mas/75.  
 Metallgesellschaft A. G.—1743/Cal/75, 1804/Cal/75.  
 Michael, M. (Mrs.)—135/Mas/75.  
 Miles Laboratories, Inc.—1874/Cal/75.  
 Mimani, S. L.—1682/Cal/75.  
 Mirza, Y. U.—261/Bom/75.  
 Mitchell, Jack H. (Jr.)—1796/Cal/75.  
 Mitsui Toatsu Chemicals, Inc.—1760/Cal/75.  
 Modern Production, Bjorn Ortenheim AB.—1764/Cal/75.  
 Mohan, C.—1807/Cal/75.  
 Mohan, J.—1697/Cal/75.

## —N—

Nakanishi, Y.—1832/Cal/75.  
 Nippon Soda Company, Ltd.—1765/Cal/75.  
 N. V. Bekaert S. A.—1703/Cal/75.  
 N. V. Philips' Gloeilampenfabrieken.—1714/Cal/75, 1833/  
 Cal/75.

## —P—

Parthasarathy, P. B.—136/Mas/75.  
 Patel, H. C.—255/Bom/75.  
 Pennzoil Co.—1752/Cal/75.  
 Pfizer Inc.—1684/Cal/75, 1781/Cal/75.  
 Polyakov, A. M.—1716/Cal/75.

## —R—

Ramaswamy, M.—140/Mas/75.  
 Raychemb Corp.—1857/Cal/75, 1858/Cal/75.  
 Ressorts DU. Nord S. A.—1827/Cal/75.  
 Revere Copper and Braas Inc.—1861/Cal/75.  
 Ritter, P.—1745/Cal/75.  
 Robert Bosch GmbH.—1688/Cal/75.  
 Rubber and lastics Research Association of Great Britain.—  
 1772/Cal/75.

## —S—

Saigal, N. N.—1812/Cal/75.  
 Sandhu, G. I. K. (Mrs.)—1855/Cal/75.

## Name &amp; Application No.

## S—(Contd.)

Sandoz Ltd.—1698/Cal/75, 1859/Cal/75.  
 Sarabhai Resarch Centre.—250/Bom/75.  
 Sawhney, P. S.—257/Bom/75.  
 Scapa-Porritt Ltd.—1693/Cal/75.  
 Schlumberger Overseas S. A.—1707/Cal/75.  
 Schneider, D. J.—249/Bom/75.  
 Schweiter Engineering Works Ltd.—1795/Cal/75.  
 Seth, J.—1747/Cal/75.  
 Shell Internationale Research Maatschappij B. V.—1783/  
 Cal/75.  
 Showa Denko K. K.—1726/Cal/75.  
 Shushpan, S. M.—1716/Cal/75.  
 Siemens Aktiengesellschaft.—1710/Cal/75, 1711/Cal/75,  
 1742/Cal/75, 1749/Cal/75, 1750/Cal/75, 1755/Cal/75.  
 Singh Chauhan, B. P.—1831/Cal/75.  
 Snap-Tap Machine Accessories (India) Pvt. Ltd.—142/Mas/  
 75.  
 Societe Anolyme Secmafer.—1736/Cal/75.  
 Societe D'Etudes De Machines Thermiques—S.E.M.T.—1702/  
 Cal/75.  
 Societe D' Etudes Scientifiques Et Industrielles De L' Ile-De-  
 France.—1864/Cal/75.  
 Societe Francaise Des Produits Pour Catalyse.—1727/Cal/  
 75.  
 Spetsialnoe Konstruktorskoe Bjuro "Transprogress".—1761/  
 Cal/75.  
 Srinivas Prasad, H. S. L.—134/Mas/75.  
 Srivastava, G. C.—1741/Cal/75, 1845/Cal/75.  
 Sri Vinayaka Industries.—139/Mas/75.  
 Stamicarbon B. C.—1824/Cal/75.  
 Standard Oil Co., The—1775/Cal/75, 1776/Cal/75.  
 Stanico Enterprises Pvt. Ltd.—1835/Cal/75.  
 Sumitomo Shemical Company Ltd.—1766/Cal/75.  
 Sunkist Growers Inc.—1771/Cal/75.  
 Syntex (U.S.A.) Inc.—1699/Cal/75.

## —T—

Tata Institute of Fundamental Research.—247/Bom/75.  
 Tavkozlesi Kutato Intezet.—1689/Cal/75, 1690/Cal/75,  
 1791/Cal/75, 1851/Cal/75.  
 Texaco Development Corp.—1709/Cal/75.  
 Thankayyan, S. (Dr.)—143/Mas/75.  
 Tomlin, A. G.—1716/Cal/75.  
 Tsentralny Nauchno-Issledovatel'sky I Proektno-Konstruktor-  
 sky Kotlatureinny Institut Imeni I.I. Polzunova.—1756/  
 Cal/75.

## —U—

UCB, S. A.—1763/Cal/75.  
 Ugine Aciers.—1722/Cal/75.  
 Union Carbide Corp.—1701/Cal/75, 1846/Cal/75.

## Name &amp; Application No.

## Name &amp; Application No.

## U—(Contd.)

## —W—

Union Carbide India Ltd.—1704/Cal/75.

Uniroyal, Inc.—1784/Cal/75.

United Technologies Corpn.—1705/Cal/75.

UOP Inc —1700/Cal/75, 1790/Cal/75.

USS Engineers and Consultants, Inc.—1780/Cal/75, 1826/Cal/75.

## —V—

Venkataramana Sarma, M. S.—136/Mas/75.

Vidyut Metallics Private Ltd.—1757/Cal/75.

Vsesojuzny Nauchno-Issledovatel'sky Institut Ispol'zovaniya Gaza V Narodnom Khozyaystve, Podzemnogo Khraneniya Nefti, Nefteproduktov i Szhizhennykh Gazov "Vniipromgaz".—1834/Cal/75.

Wacker-Chemitronic Gesellschaft für Elektronik-Grundstoffe-mbH.—1718/Cal/75.

Wafilhan B. V.—1779/Cal/75.

Wahi, Y. K.—1813/Cal/75.

Wellcome Foundation Ltd., The—1792/Cal/75.

Western Gear Corpn.—1844/Cal/75.

Westinghouse Electric Corpn.—1720/Cal/75, 1751/Cal/75, 1758/Cal/75.

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Designs and Trade Marks.